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MISSISSIPPI STATE DEPARTMENT OF HEALTH

BUREAU OF PUBLIC WATER SUPPLY

**CALENDAR YEAR 2010 CONSUMER CONFIDENCE REPORT
CERTIFICATION FORM**

Golden Triangle Water
Public Water Supply Name

0130018 0130019

List PWS ID #s for all Water Systems Covered by this CCR

The Federal Safe Drinking Water Act requires each community public water system to develop and distribute a consumer confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCR must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.

Please Answer the Following Questions Regarding the Consumer Confidence Report

- ☐ Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)

☒ Advertisement in local paper
☐ On water bills
☐ Other _____

Date customers were informed: / /

- ☐ CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:

Date Mailed/Distributed: / /

- ☒ CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)

Name of Newspaper: Daily Times Leader

Date Published: 6/30/11

- ☐ CCR was posted in public places. (Attach list of locations)

Date Posted: / /

- ☐ CCR was posted on a publicly accessible internet site at the address: www.

CERTIFICATION

I hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.

Brentt Bragg
Name/Title (President, Mayor, Owner, etc.)

June 30, 2011
Date

Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215
Phone: 601-576-7518

570 East Woodrow Wilson • Post Office Box 1700 • Jackson, Mississippi 39215-1700
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2010 Annual Drinking Water Quality Report
Golden Triangle Water Association
PWS#: 130018 & 130019
June 2011

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We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Eutaw McShan & Tuscaloosa Aquifers and purchased from the City of West Point that has wells drawing from the Eutaw Formation & the Gordo Formation Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identify potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Golden Triangle Water Association and the City of West Point have received a moderate susceptibility ranking to contamination.

If you have any questions about this report or concerning your water utility, please contact Barrett Baggett at 662-436-7329. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the second Tuesday of each month at 7:00 PM at the office G. T. office.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2010. In cases where monitoring wasn't required in 2010, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, EPA prescribes regulations that limit the amount of certain contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Contaminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Residual Disinfectant Level (MRDL) - The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control microbial contaminants.

Maximum Residual Disinfectant Level Goal (MRDLG) - The level of a drinking water disinfectant below which there is no known or expected risk of health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

PWS ID# 130018 TEST RESULTS								
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
Microbiological Contaminants								
1. Total Coliform Bacteria	N	March	Positive	2	NA	0	presence of coliform bacteria in 5% of monthly samples	Naturally present in the environment

Inorganic Contaminants

8. Arsenic	N	2008*	.8	.7 - .8	ppb	n/a	10	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
10. Barium	N	2008*	.041	.026 - .041	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	1.7	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008*	1.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2008*	1.68	.182 - 1.68	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	5	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	2.9	2.7 - 2.9	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Disinfection By-Products

82. TTHM [Total trihalomethanes]	N	2008*	12.82	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2010	.76	.74 - .79	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID # 130019

TEST RESULTS

Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measurement	MCLG	MCL	Likely Source of Contamination
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Radioactive Contaminants

5. Gross Alpha	N	2008*	1.91	.165 - 1.91	pCi/L	0	15	Erosion of natural deposits
6. Radium 226 Radium 228	N	2008* 2008*	.371 .552	.047 - .371 .104 - .552	pCi/l	0	5	Erosion of natural deposits
7. Uranium ¹	N	2008*	.005	No Range	µg/L	0 ¹	30 ¹	Erosion of natural deposits

Inorganic Contaminants

10. Barium	N	2008*	.074	.37 - .74	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
13. Chromium	N	2008*	1.4	.8 - 1.4	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N	2008*	.1	0	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
16. Fluoride	N	2010	.91	.70 - .91	ppm	4	4	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
17. Lead	N	2008*	3	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
21. Selenium	N	2008*	1.5	.9 - 1.5	ppb	50	50	Discharge from petroleum and metal refineries; erosion of natural deposits; discharge from mines

Disinfection By-Products

Chlorine	N	2010	.74	.63 - .74	ppm	0	MDRL = 4	Water additive used to control microbes
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*Most recent sample. No sample required for 2010.

As you can see by the table, our system had no violations. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>. The Mississippi State Department of Health Public Health Laboratory offers lead testing. Please contact 601.576.7582 if you wish to have your water tested.

Significant Deficiencies

System # 130018

During a sanitary survey conducted on 9/27/10 the Mississippi State Department of Health cited the following deficiency:

Inadequate internal cleaning/maintenance of storage tanks

Corrective actions: The system is currently under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the inspection of the storage tanks and to clean and paint where needed. All deficiencies are scheduled to be completed by 7/31/2011.

System # 130008 – City of West Point

Significant Deficiencies

During a sanitary survey conducted on 5/20/10 the Mississippi State Department of Health cited the following deficiency:

Inadequate internal cleaning/maintenance of storage tanks

Corrective actions: The system is currently under a Bilateral Compliance Agreement with the Mississippi State Department of Health to complete the cleaning and painting of the tanks. All deficiencies are scheduled to be completed by 12/31/2011.

To comply with the "Regulation Governing Fluoridation of Community Water Supplies", the CITY OF WEST POINT is required to report certain results pertaining to fluoridation of our water system. The number of months in the previous calendar year that average fluoride sample results were within the optimal range of 0.7-1.3 ppm was 12. The percentage of fluoride samples collected in the previous calendar year that was within the optimal range of 0.7-1.3 ppm was 92%.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

The Golden Triangle Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.

2011 Annual Drinking Water Quality Report
 Southern Triangle Water Association
 PWSID: 130018 & 130019
 May 2011

We pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality of the water we deliver to you every day. Our constant goal is to ensure you will a safe and dependable supply of drinking water. We are committed to ensuring the quality of your water. Our water source is from the Lake Norman & Lake Norman Reservoir. We are committed to ensuring the quality of your water. Our water source is from the Lake Norman & Lake Norman Reservoir.

Water quality assessment has been completed for our public water system to determine the overall sustainability of the drinking water supply to ensure the safety of the water. The general water quality readings assigned to each year of this system are listed immediately below. A report containing detailed information on water quality determinations was made this year based on the public water system and is available for viewing upon request. The water for the Southern Triangle Water Association is the City of Westport, North Carolina, a moderate susceptibility drinking water contamination.

We have key questions about this report or concerning your water utility, please contact: West Division at 919-484-4400. We want our customers to be informed about their water utility. If you want to learn more, please contact any of our regularly scheduled staff. They are held on the second Thursday of each month at 7:00 PM at the City of T. office in Raleigh.

routinely monitor for contaminants in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1st to December 31st, 2009. In cases where monitoring is required in 2009, the table reflects the most recent results. As water flows from the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or human activity. Microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, livestock operations, and wildlife. Inorganic contaminants, such as salts and metals, which can be naturally occurring or result from industrial operations and wastewater treatment plants. Organic chemicals, which may come from a variety of sources such as pesticides, which are by-products of industrial processes and petroleum production, and can also come from gas stations and auto systems. Radioactive contaminants, which can naturally occur or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, comprehensive regulations have been put in place to control contaminants in water provided by public water systems. All drinking water, including bottled water, may be reasonably expected to contain at least small amounts of some contaminants. It is important to understand that the presence of these contaminants does not necessarily indicate that the water poses a health risk.

As table you will find many levels and abbreviations you might not be familiar with. To help you better understand these terms we've included the following definitions:
 MCL - The maximum level of a contaminant which, if exceeded, requires treatment or other requirements which a water system must follow.

Maximum Contaminant Level Goal (MCLG) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set to protect the MCLGs as feasible using the best available treatment technology.

Human Consumption Level Goal (HCLG) - The "Goal" (MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Human Health Effect Level (HHEL) - The highest level of a contaminant allowed in drinking water. There is continuing concern that addition of a contaminant is necessary for control microbial contaminants.

Human Health Effect Level Goal (HHELG) - The level of a drinking water contaminant below which there is no known or expected risk of health. HHELGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

1 per million (ppm) or milligrams per liter (mg/L) - one part per million corresponds to one ounce in two years or a single penny in 100,000.

1 per billion (ppb) or micrograms per liter (µg/L) - one part per billion corresponds to one ounce in 2,000 years, or a single penny in 200,000.

WS ID# 130018 TEST RESULTS

Contaminant	Monitoring Point	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG	One Maximum	MCLG	MCL	Unit	Level of Concern or Contamination
Microbial Contaminants									
Coliforms	N	March	Positive	2	NA	0	0	presence of coliform bacteria in the water	Maximum concern in the water

Organic Contaminants

Contaminant	N	2009	Level	Range	Unit	MCLG	MCL	Unit	Level of Concern or Contamination
Asbestos	N	2009	0	0 - 0	ppb	NA	NA	10	Discharge of natural deposits; most of the asbestos is from the glass and asbestos is from the asbestos.
Benzene	N	2009	NA	0.0 - 0.1	ppm	0	2	5	Discharge of natural deposits; discharge from metal refineries; discharge from natural gas processing.
Chloroform	N	2009	1.2	No Range	ppb	100	100	100	Discharge from steel and pulp mills; discharge from natural gas processing.
Copper	N	2009	1.1	0	ppm	1.3	1.3	1.3	Discharge from household plumbing systems; corrosion of natural deposits; discharge from water treatment plants.
Fluoride	N	2009	1.60	1.52 - 1.68	ppm	4	4	4	Discharge of natural deposits; water supply with fluoride added; discharge from household plumbing systems; corrosion of natural deposits.
Lead	N	2009	0	0	ppb	0	15	15	Discharge of natural deposits; discharge from household plumbing systems; corrosion of natural deposits.
Resorcinol	N	2009	2.0	2.7 - 2.8	ppb	60	60	60	Discharge from petroleum and metal refineries; discharge from natural deposits; discharge from steel mills.

Disinfection By-Products

Contaminant	N	2009	Level	Range	Unit	MCLG	MCL	Unit	Level of Concern or Contamination
Trihalomethanes (THM)	N	2009	12.62	No Range	ppb	0	80	80	By-product of drinking water disinfection.
Halacetic Acid (HAA)	N	2009	30	1.4 - 7.0	ppm	0	100	100	Water addition used to control corrosion.

WS ID# 130019 TEST RESULTS

Contaminant	Monitoring Point	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/MCLG	One Maximum	MCLG	MCL	Unit	Level of Concern or Contamination
Microbial Contaminants									
Coliforms	N	2009	Positive	2	NA	0	0	10	Discharge of natural deposits; discharge from metal refineries; discharge from natural gas processing.
Benzene	N	2009	NA	0.0 - 0.1	ppm	0	2	5	Discharge of natural deposits; discharge from metal refineries; discharge from natural gas processing.
Chloroform	N	2009	1.2	No Range	ppb	100	100	100	Discharge from steel and pulp mills; discharge from natural gas processing.

Organic Contaminants

13. Chromium	N	2000	1.7	No Range	ppm	100	Discharge from acid and base mfg. operation of various plants
14. Copper	N	2000	1.1	0	ppm	1.3	Discharge from acid and base mfg. operation of various plants
15. Fluoride	N	2000	1.01	100 - 1.00	ppm	4	Discharge from acid and base mfg. operation of various plants
17. Lead	N	2000	5	0	ppm	0	Discharge from acid and base mfg. operation of various plants
21. Selenium	N	2000	2.0	2.7 - 2.0	ppm	80	Discharge from acid and base mfg. operation of various plants

Disinfection By-Products

22. Trihalomethanes	N	2000	12.04	No Range	ppm	0	Disinfection of drinking water
23. Haloacetic Acids	N	2000	.70	.74 - .70	ppm	0	Disinfection of drinking water

PWS ID # 130018

TEST RESULTS

Contaminant	Violation FN	Date Collected	Test Method	Sample Description	Test Result	MDL	MDL + 4	Exceeds MDL + 4
Radioactive Contaminants								
1. Gross Alpha	N	2000	1.01	100 - 1.01	ppm	0	0	0
2. Radium 226	N	2000	.874	.047 - .271	ppm	0	0	0
3. Radium 228	N	2000	.862	.104 - .212	ppm	0	0	0
4. Uranium	N	2000	1.000	No Range	ppm	0	0	0
Inorganic Contaminants								
10. Boron	N	2000	.074	.27 - .74	ppm	2	2	2
11. Chloride	N	2000	1.4	2 - 1.4	ppm	100	100	100
12. Copper	N	2000	1	0	ppm	0.3	0.3	0.3
15. Fluoride	N	2010	.01	70 - .01	ppm	4	4	4
17. Lead	N	2000	5	0	ppm	0	0	0
21. Selenium	N	2000	2.0	2.7 - 2.0	ppm	80	80	80

Disinfection By-Products

22. Trihalomethanes	N	2010	.79	.65 - .74	ppm	0	0	0
23. Haloacetic Acids	N	2010	.70	.74 - .70	ppm	0	0	0

1.000 mg/L sample required for 300 L

As you can see by the table, our system had no violations. However, on system # 0130018 we violated a drinking water standard. We took 2 samples in March that showed the presence of certain bacteria. We did follow up testing and did not find any bacteria present in the subsequent testing. We're proud that your drinking water meets or exceeds all Federal and State requirements. We have learned through our monitoring and testing that some conditions have been detected because the EPA has determined that your water is SAFE at these levels.

We are required to monitor your drinking water for specific contaminants on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. In no effort to ensure system compliance all monitoring requirements, we'll test your water for any of the following samples prior to the end of the monitoring period.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 1-800-426-8225. The Department of Health Public Health Laboratory will test lead for \$10 per sample. Please contact 841.561.7082 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be pesticides, herbicides or organic chemicals and radioactive substances. All drinking water, including bottled water, may occasionally be exposed to certain of these small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-8225.

Some people may be more susceptible to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from chemicals. These people should consult with their health care providers. EPA/USEPA guidelines on recommended practices to reduce the risk of infection by cryptosporidium and other microorganisms are available from the Safe Drinking Water Hotline 1-800-426-8225.

The Golden Triangle Water Association works around the clock to provide the quality water to every tap. We ask that all our customers keep us protect our water source, which is the heart of our community, our way of life and our children's future.